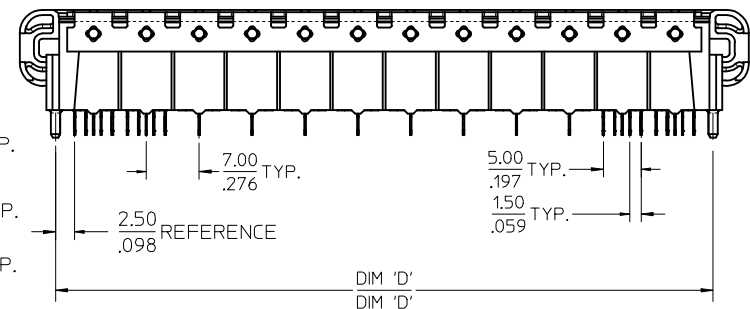
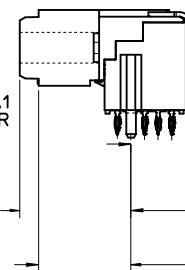
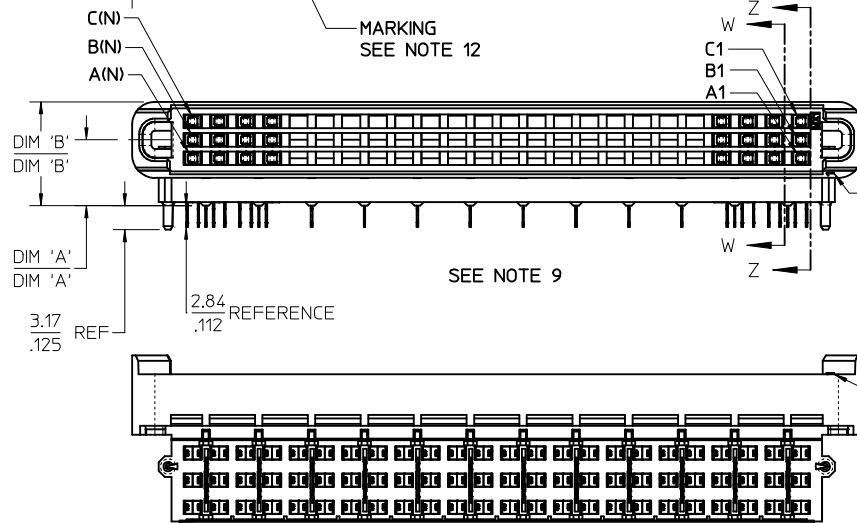
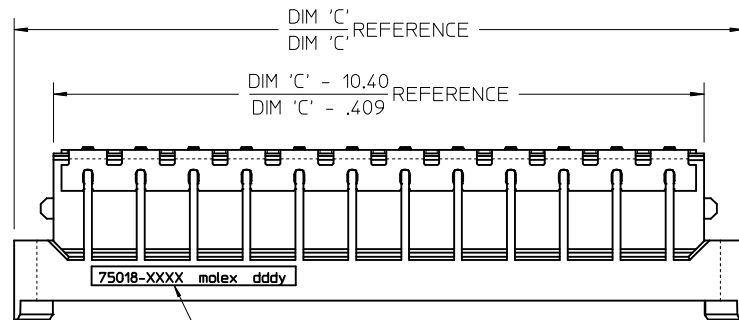
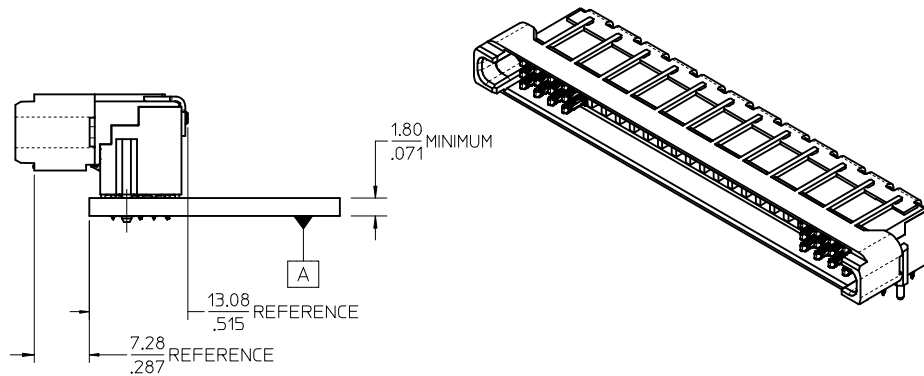


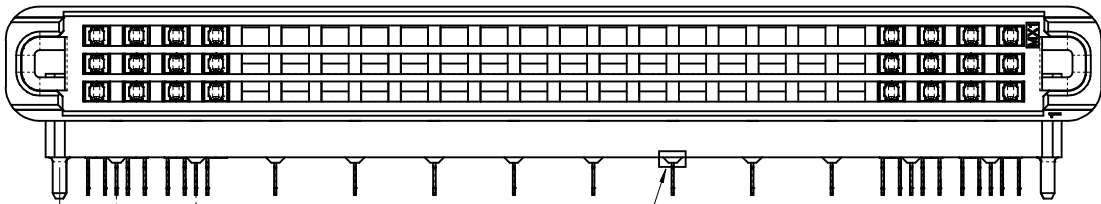


NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
CONTACT - COPPER ALLOY
- 2) FINISHES: SEE SHEET 2
- 3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-75018-001.
- 4) PACKAGING SPECIFICATION: THIS PART TO BE PACKAGED PER SPECIFICATION PK-75020-030.
- 5) APPLICATION SPECIFICATION: THIS PART TO BE APPLIED PER SPECIFICATION PS-75018-001.
APPLICATION TOOL AND INSTRUCTIONS PER AS-75018-001.
- 6) MATING INFORMATION
THIS PART MATES WITH 75019-XXXX.
WILL MATE WITH MAXIMUM 1.27mm MIS-ALIGNMENT.
WILL MATE WITH MAXIMUM 0.5° MIS-ALIGNMENT.
- 7) FOR CIRCUIT DESIGNATION SEE SHEET 3
- 8) FOR PCB INFORMATION SEE SHEET 3
- 9) CIRCUITS IN THIS ZONE HAVE BEEN OMITTED TO SIMPLIFY THE MODEL. ACTUAL PRODUCT IS FULLY LOADED WITH TERMINALS.
- 10) APPLICATION TOOLING KEEP OUT AREA. NO COMPONENTS ALLOWED IN THIS AREA.
- 11) CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 & PS-45499-003, CLASS C.
- 12) MARKING: PART NUMBER, MOLEX LOGO, DATE CODE
- 13) RECOMMENDED DRILL SIZE 0.66±0.03 TO YIELD FINISHED PLATED THROUGH HOLE OF 0.55±0.05

CLARIFY DIMENSIONS EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHKD: MCAN 2015/12/18 APPR: MILLER 2015/12/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2013/11/05	TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER	
			4 PLACES	±.005	±.0005	CHECKED BY	DATE		
			3 PLACES	±.01	±.001				
			2 PLACES	±.025	±.0025	APPROVED BY	DATE	molex	
			1 PLACE	±.05	±.005	MILLER	2013/11/19		
			0 PLACE	±	±				
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-75018-5000		1 OF 3
			C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

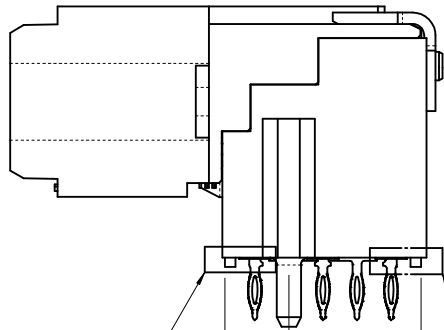
ITEM NUMBER	CIRCUT SIZE	NO. OF COLUMNS 'N'	PLATING FINISH	CENTERLINE DIMENSION 'A' mm(in)	O/A HEIGHT DIMENSION 'B' mm(in)	O/A LENGTH DIMENSION 'C' mm(in)	PEG TO PEG DIMENSION 'D' mm(in)	FIRST-LAST DIMENSION 'E' mm(in)
75018-5021	144	24	FINISH 1	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5022	144	24	FINISH 1	5.74 (.226)	10.78 (.424)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5023	144	24	FINISH 1	8.74 (.344)	13.78 (.543)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5024	108	18	FINISH 1	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-5025	108	18	FINISH 1	8.74 (.344)	13.78 (.543)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-5026	120	20	FINISH 1	4.74 (.187)	9.78 (.385)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
75018-5027	108	18	FINISH 1	5.74 (.226)	10.78 (.424)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-5029	120	20	FINISH 1	5.74 (.226)	10.78 (.424)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
75018-5221	144	24	FINISH 2	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5224	108	18	FINISH 2	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)



5.00
.197 REFERENCE

7.00
.276 REFERENCE
TYPICAL

SEE DETAIL A



SEE DETAIL B

3.38
.133 REFERENCE
TYPICAL

6.98
.275 REFERENCE
TYPICAL

SEE DETAIL C

1) PLATING FINISHES:

FINISH 1:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD

NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER

NICKEL UNDERPLATE OVERALL

HOUSING

3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER

COPPER UNDERPLATE OVERALL

FINISH 2:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD

NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER

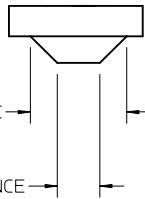
NICKEL UNDERPLATE OVERALL

HOUSING

0.10 MICROMETERS/4 MICROINCHES MAXIMUM GOLD OVER

3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER

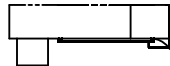
COPPER UNDERPLATE OVERALL



1.70
.067 REFERENCE
TYPICAL

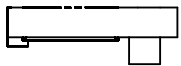
0.75
.030 REFERENCE
TYPICAL

DETAIL A
SCALE 15:1



0.55
.022 REFERENCE
TYPICAL

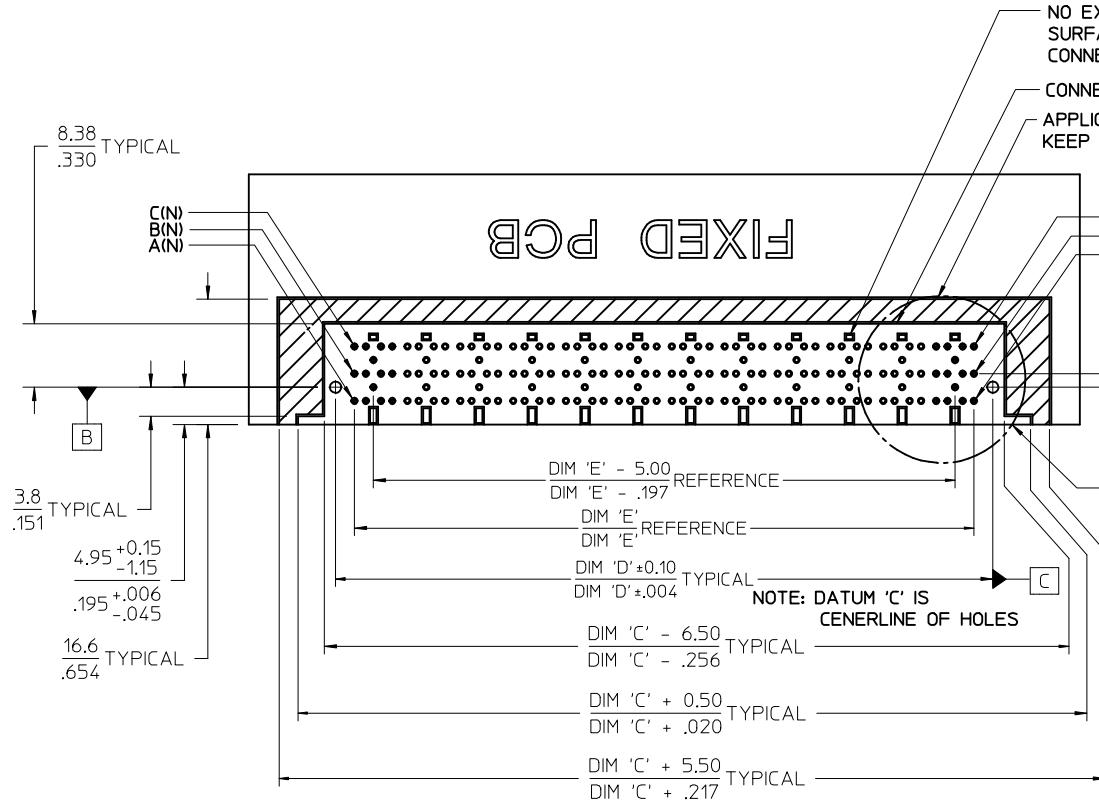
DETAIL B
SCALE 15:1



0.55
.022 REFERENCE
TYPICAL

DETAIL C
SCALE 15:1

SEE SHEET 1 EC NO: UCP2016-2525 2015/12/18 DRWN: TIBARRA CHKD: MCAN 2015/12/18 APPR: SMILLER 2015/12/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2013/11/05	TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER molex						
			4 PLACES	± ---	± ---	CHECKED BY	DATE							
			3 PLACES	± ---	± .005									
			2 PLACES	± 0.13	± .01	APPROVED BY SMILLER		DATE 2013/11/19		DOCUMENT NO. SD-75018-5000 SHEET NO. 2 OF 3				
			1 PLACE	± 0.25	± ---	MATERIAL NO.								
			0 PLACE	±	±	SEE TABLE								
						ANGULAR ±1/2°								
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

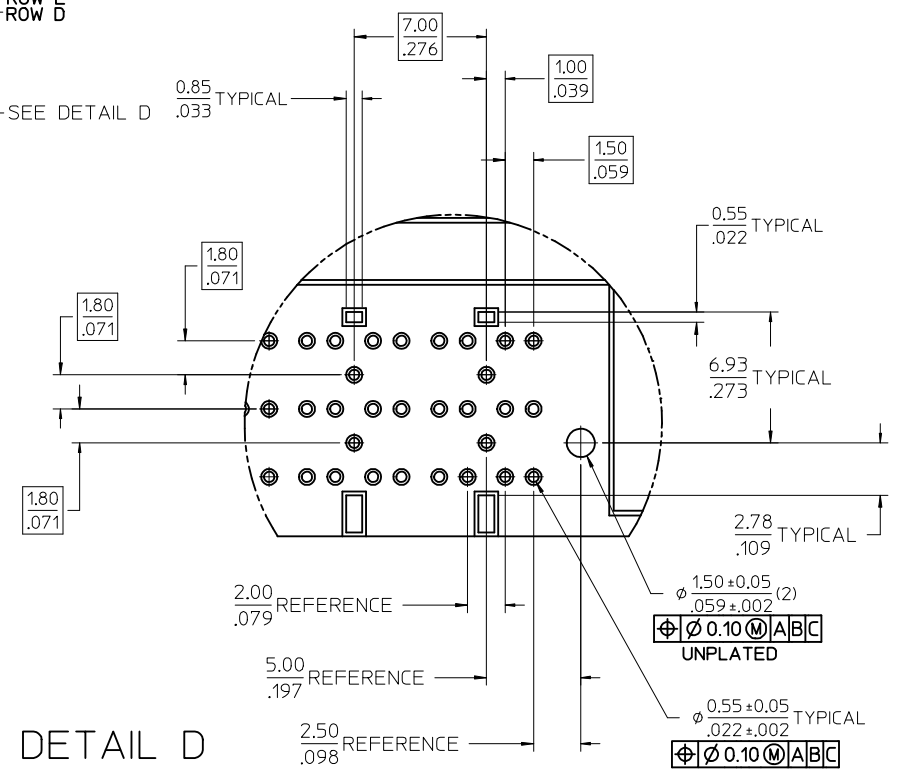


CIRCUIT DESIGNATION

FIRST MATE: HOUSING - SIGNAL GROUND
SECOND MATE: A1, C1, A(N), C(N) (FOR POWER RETURN)
THIRD MATE: A2, B2, C2, A(N-1), B(N-1), C(N-1) & ALL OTHERS (A2, C2, A(N-1) & C(N-1) FOR POWER)
(ALL OTHERS SIGNAL)
LAST MATE: B1, B(N) (FOR CARD DETECT)

ALL COLUMNS FROM 3 THROUGH (N-2) ARE SUITABLE FOR DIFFERENTIAL PAIRS
EG: A3-A4, B3-B4, C3-C4, A(N-2)-A(N-3), B(N-2)-B(N-3)

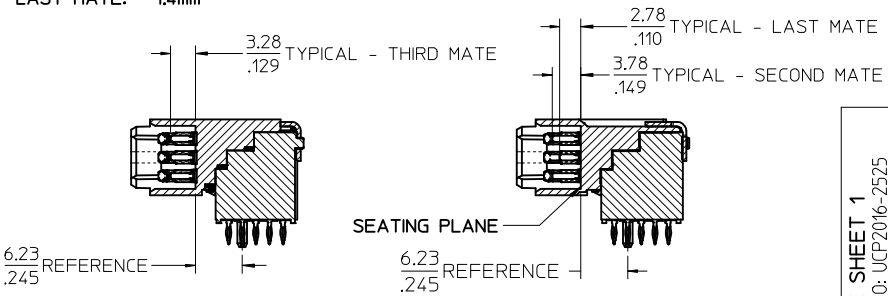
SIGNAL GROUND: ROWS D & E



DETAIL D
SCALE 5:1

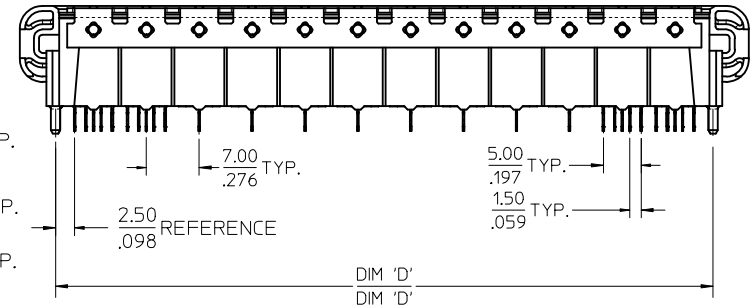
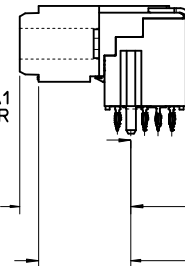
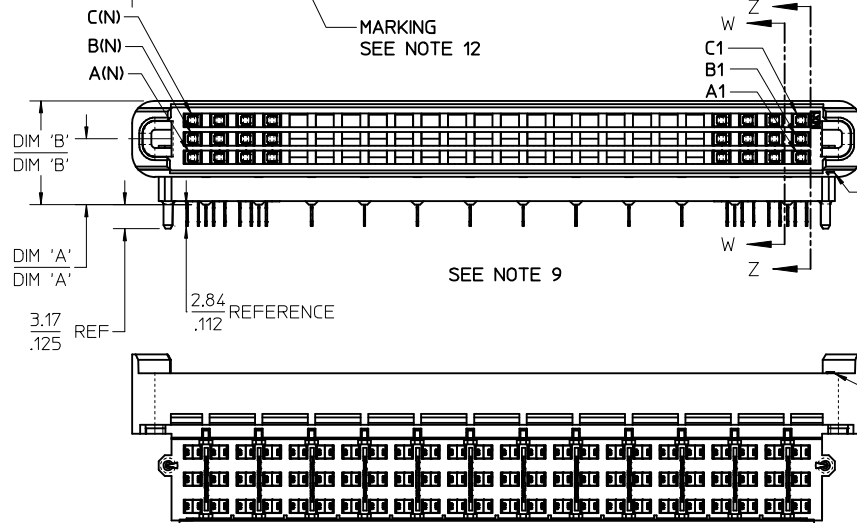
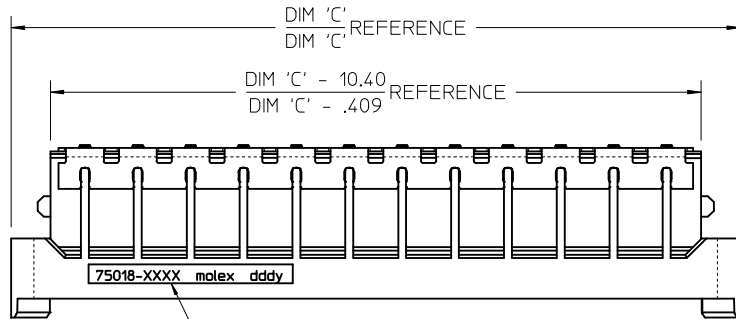
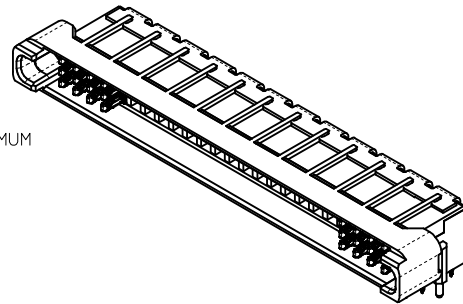
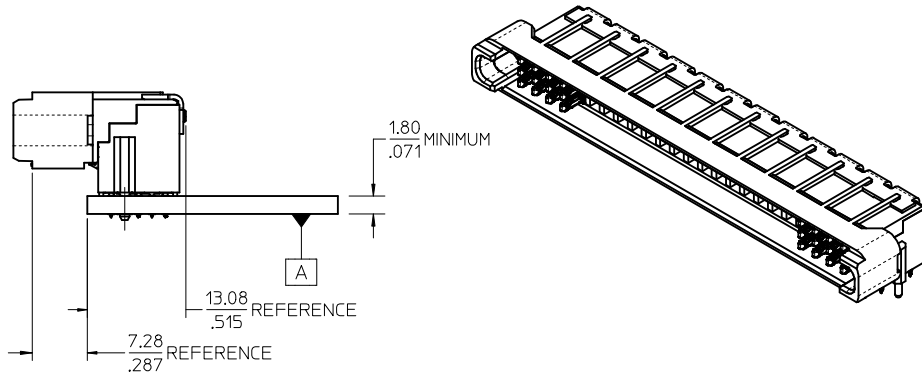
NOMINAL WIPE - FULL SEATED

FIRST MATE: 7.2mm
SECOND MATE: 2.4mm
THIRD MATE: 1.9mm
LAST MATE: 1.4mm



SECTION W-W SECTION Z-Z

SEE SHEET 1 EC NO: UCP2016-2525 2015/12/18 DRWN: TIBARRA CHKD: MCAN 2015/12/18 APPR: SMILLER 2015/12/22	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
							MM/IN		2:1	METRIC			
					mm	INCH	DRAWN BY	DATE	TITLE				
				4 PLACES	± ---	± ---	RWHIPPLE	2013/11/05					
				3 PLACES	± ---	± .005	CHECKED BY	DATE	PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER molex DOCUMENT NO. SD-75018-5000				
				2 PLACES	± 0.13	± .01	APPROVED BY	DATE					
				1 PLACE	± 0.25	± ---	SMILLER	2013/11/19				SHEET NO. 3 OF 3	
				0 PLACE	±	±	MATERIAL NO.						
				ANGULAR ±1/2°			SEE TABLE						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



NOTES:

1) MATERIALS:

HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
 WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
 CONTACT - COPPER ALLOY

2) FINISHES: SEE SHEET 2

3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-75018-001.

4) PACKAGING SPECIFICATION: THIS PART TO BE PACKAGED PER SPECIFICATION PK-75020-030.

5) APPLICATION SPECIFICATION: THIS PART TO BE APPLIED PER SPECIFICATION PS-75018-001. APPLICATION TOOL AND INSTRUCTIONS PER AS-75018-001.

6) MATING INFORMATION

THIS PART MATES WITH 75019-XXXX.

WILL MATE WITH MAXIMUM 1.27mm MIS-ALIGNMENT.

WILL MATE WITH MAXIMUM 0.5° MIS-ALIGNMENT.

7) FOR CIRCUIT DESIGNATION SEE SHEET 3

8) FOR PCB INFORMATION SEE SHEET 3

9) CIRCUITS IN THIS ZONE HAVE BEEN OMITTED TO SIMPLIFY THE MODEL. ACTUAL PRODUCT IS FULLY LOADED WITH TERMINALS.

10) APPLICATION TOOLING KEEP OUT AREA. NO COMPONENTS ALLOWED IN THIS AREA.

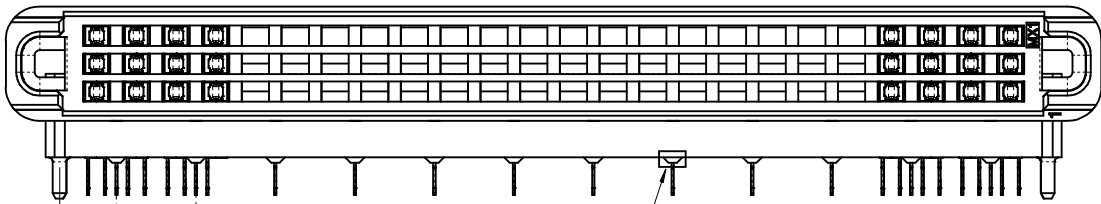
11) CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 & PS-45499-003, CLASS C.

12) MARKING: PART NUMBER, MOLEX LOGO, DATE CODE

13) RECOMMENDED DRILL SIZE 0.66±0.03 TO YIELD FINISHED PLATED THROUGH HOLE OF 0.55±0.05

CLARIFY DIMENSIONS				QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: UCP2016-2525				DRAWN: TIBARRA		2015/12/18		MM/IN		2:1	METRIC	DATE	
CHKD: MCAN				2015/12/18		4 PLACES ± ---		DRAWN BY		DATE		TITLE	
APPR: MILLER				2015/12/22		3 PLACES ± ---		CHECKED BY		DATE		PLATEAU HS DOCK	
						2 PLACES ± 0.13		APPROVED BY		DATE		FIXED CONNECTOR	
						1 PLACE ± 0.25		SMILLER		2013/11/19		NO GROUND FINGER	
						0 PLACE ±		MATERIAL NO.		DOCUMENT NO.		molex	
						ANGULAR ±1/2°		SEE TABLE		SD-75018-5000		SHEET NO.	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		1 OF 3	

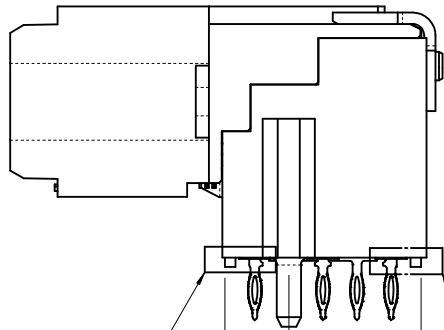
ITEM NUMBER	CIRCUT SIZE	NO. OF COLUMNS 'N'	PLATING FINISH	CENTERLINE DIMENSION 'A' mm(in)	O/A HEIGHT DIMENSION 'B' mm(in)	O/A LENGTH DIMENSION 'C' mm(in)	PEG TO PEG DIMENSION 'D' mm(in)	FIRST-LAST DIMENSION 'E' mm(in)
75018-5021	144	24	FINISH 1	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5022	144	24	FINISH 1	5.74 (.226)	10.78 (.424)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5023	144	24	FINISH 1	8.74 (.344)	13.78 (.543)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5024	108	18	FINISH 1	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-5025	108	18	FINISH 1	8.74 (.344)	13.78 (.543)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-5026	120	20	FINISH 1	4.74 (.187)	9.78 (.385)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
75018-5027	108	18	FINISH 1	5.74 (.226)	10.78 (.424)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-5029	120	20	FINISH 1	5.74 (.226)	10.78 (.424)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
75018-5221	144	24	FINISH 2	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-5224	108	18	FINISH 2	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)



5.00
.197 REFERENCE

7.00
.276 REFERENCE
TYPICAL

SEE DETAIL A



SEE DETAIL B

3.38
.133 REFERENCE
TYPICAL

6.98
.275 REFERENCE
TYPICAL

SEE DETAIL C

1) PLATING FINISHES:

FINISH 1:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD

NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER

NICKEL UNDERPLATE OVERALL

HOUSING

3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER

COPPER UNDERPLATE OVERALL

FINISH 2:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD

NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER

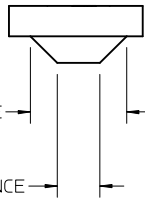
NICKEL UNDERPLATE OVERALL

HOUSING

0.10 MICROMETERS/4 MICROINCHES MAXIMUM GOLD OVER

3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER

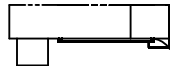
COPPER UNDERPLATE OVERALL



1.70
.067 REFERENCE
TYPICAL

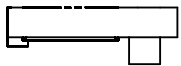
0.75
.030 REFERENCE
TYPICAL

DETAIL A
SCALE 15:1



0.55
.022 REFERENCE
TYPICAL

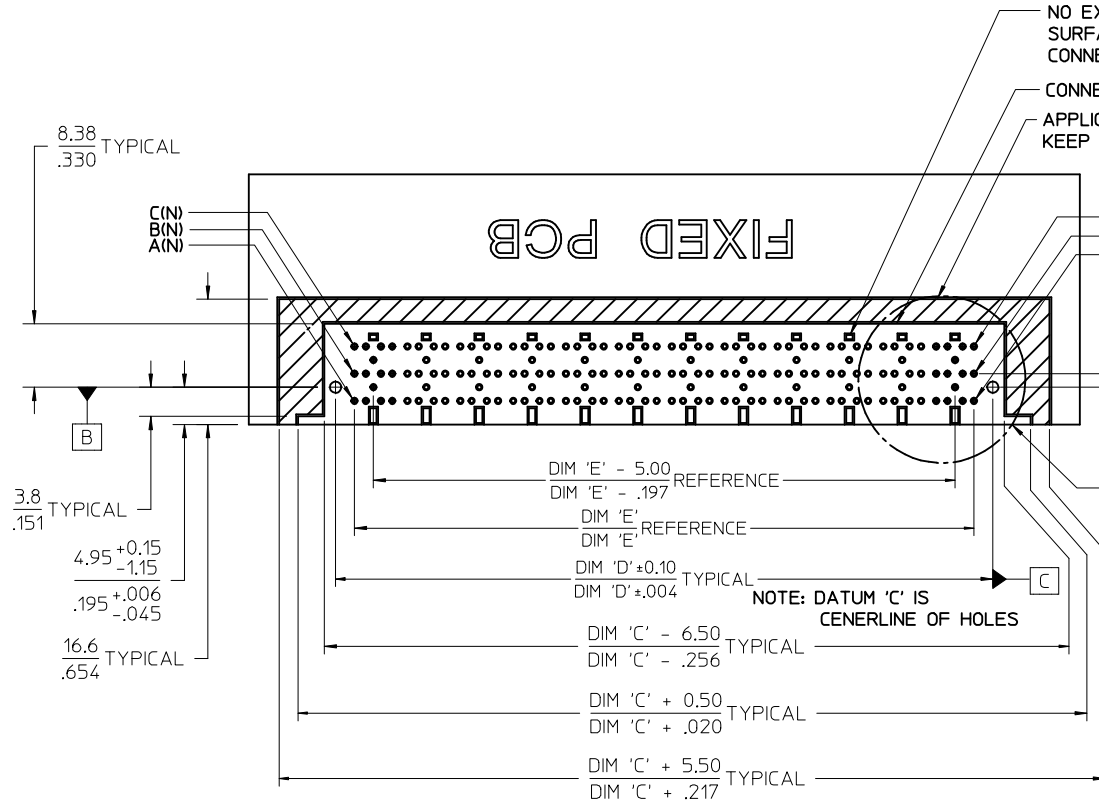
DETAIL B
SCALE 15:1



0.55
.022 REFERENCE
TYPICAL

DETAIL C
SCALE 15:1

SEE SHEET 1 EC NO: UCP2016-2525 2015/12/18 DRWN: TIBARRA CHKD: MCAN 2015/12/18 APPR: SMILLER 2015/12/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2013/11/05	TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER molex						
			4 PLACES	± .---	± .---	CHECKED BY	DATE							
			3 PLACES	± .---	± .005									
			2 PLACES	± 0.13	± .01	APPROVED BY		DATE	DOCUMENT NO. SD-75018-5000					
			1 PLACE	± 0.25	± .---	SMILLER	2013/11/19							
			0 PLACE	±	±	MATERIAL NO.		SHEET NO. 2 OF 3						
			ANGULAR ±1/2°		SIZE C									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SEE TABLE	
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

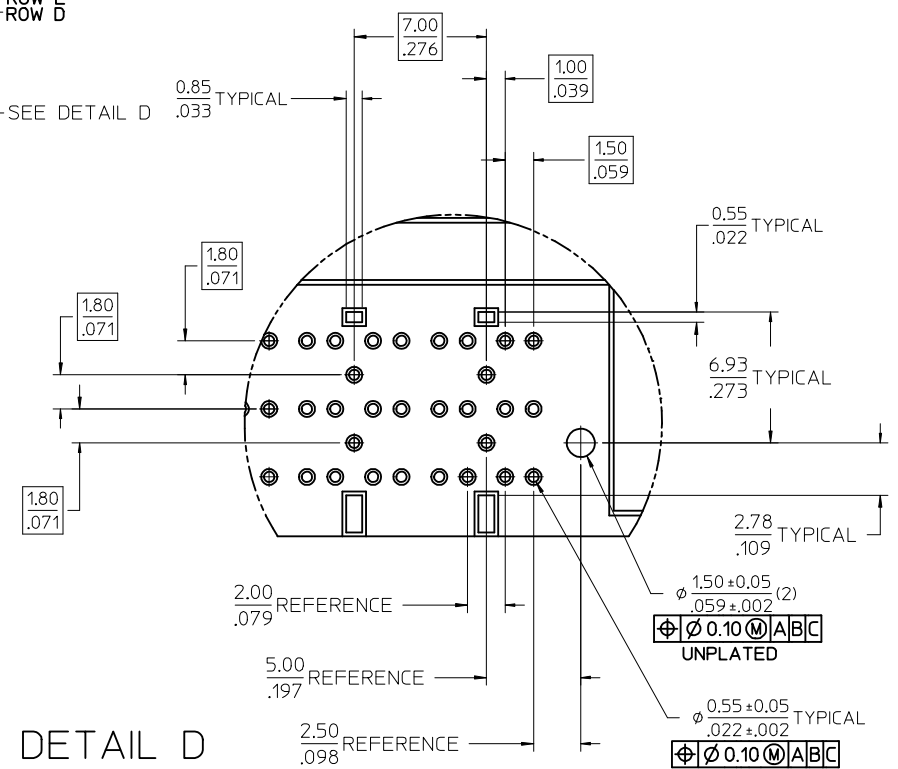


CIRCUIT DESIGNATION

FIRST MATE: HOUSING - SIGNAL GROUND
SECOND MATE: A1, C1, A(N), C(N) (FOR POWER RETURN)
THIRD MATE: A2, B2, C2, A(N-1), B(N-1), C(N-1) & ALL OTHERS (A2, C2, A(N-1) & C(N-1) FOR POWER)
(ALL OTHERS SIGNAL)
LAST MATE: B1, B(N) (FOR CARD DETECT)

ALL COLUMNS FROM 3 THROUGH (N-2) ARE SUITABLE FOR DIFFERENTIAL PAIRS
EG: A3-A4, B3-B4, C3-C4, A(N-2)-A(N-3), B(N-2)-B(N-3)

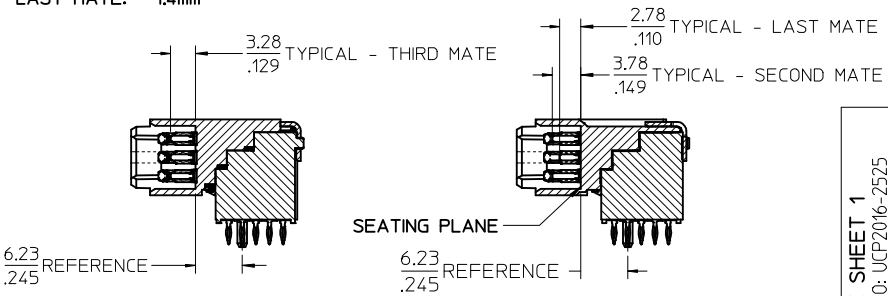
SIGNAL GROUND: ROWS D & E



DETAIL D
SCALE 5:1

NOMINAL WIPE - FULL SEATED

FIRST MATE: 7.2mm
SECOND MATE: 2.4mm
THIRD MATE: 1.9mm
LAST MATE: 1.4mm



SECTION W-W SECTION Z-Z

SEE SHEET 1 EC NO: UCP2016-2525 2015/12/18 DRWN: TIBARRA CHKD: MCAN 2015/12/18 APPR: SMILLER 2015/12/22	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM/IN		2:1	METRIC			
						DRAWN BY	DATE	TITLE				
						CHECKED BY	DATE					
						APPROVED BY	DATE	molex				
						SMILLER	2013/11/19					
						MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
						SEE TABLE		SD-75018-5000			3 OF 3	
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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9